

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1116	local and radial and transform and angular	USPAT	OR	OFF	2006/06/08 19:42
L2	2	local same radial same transform same angular	USPAT	OR	OFF	2006/06/08 19:43
L3	0	09/900,479	USPAT	OR	OFF	2006/06/08 19:42
L4	1	09/900,479	US-PGPUB; USPAT	OR	OFF	2006/06/08 19:44
L5	2	local same radial same transform same angular	USPAT	OR	OFF	2006/06/08 19:43
L6	0	radial same angular same transfrom	US-PGPUB; USPAT	OR	OFF	2006/06/08 19:45
L7	171	radial same angular same transform	US-PGPUB; USPAT	OR	OFF	2006/06/08 19:45
L8	21	(radial same angular same transform).clm.	US-PGPUB; USPAT	OR	OFF	2006/06/08 19:45
S1	492	382/275.ccls.	USPAT	OR	OFF	2004/05/18 16:09
S2	388	382/275.ccls. and (line or streak)	USPAT	OR	ON	2004/05/18 16:10
S3	32	382/275.ccls. and (line or streak)near (remov\$ or correct\$ or adjust\$)	USPAT	OR	ON	2004/05/18 18:36
S4	3	("6034794"   "6398334"   "6487321").PN.	USPAT	OR	OFF	2004/05/18 16:14

## EAST Search History

S5	74	("4260899"   "4301469"   "4302108"   "4462860"   "4670779"   "4677465"   "4680638"   "4700229"   "4775238"   "4796061"   "4845551"   "4933566"   "4937720"   "4969045"   "4972091"   "4989973"   "4994918"   "5003379"   "5010401"   "5047968"   "5058982"   "5091972"   "5097521"   "5149960"   "5155596"   "5200817"   "5266805"   "5267030"   "5291286"   "5311310"   "5335086"   "5371542"   "5447811"   "5448380"   "5452018"   "5465155"   "5465163"   "5477345"   "5509086"   "5516608"   "5552904"   "5561611"   "5565931"   "5568270"   "5581376"   "5582961"   "5583950"   "5589887"   "5608547"   "5641596"   "5666443"   "5673336"   "5721624"   "5726773"   "5729631"   "5771107"   "5808674"   "5892595"   "5923042"   "5930388"   "5963662"   "5969372"   "5979011"   "5982941"   "5982951"   "5991444"   "6005987"   "6057040"   "6075905"   "6078051"   "6078701"   "6101273"   "6128416"   "6239886").PN.	USPAT	OR	OFF	2004/05/18 16:27
S6	0	("local radial angular transform process").ti.	US-PGPUB; USPAT	OR	ON	2004/05/18 18:37
S7	292018	(local radial angular transform process).ti.	US-PGPUB; USPAT	OR	ON	2004/05/18 18:37
S8	0	(local and radial and angular and transform and process).ti.	US-PGPUB; USPAT	OR	ON	2004/05/21 15:20
S9	1321	local and radial and angular and transform and process	US-PGPUB; USPAT	OR	ON	2004/05/21 15:21
S10	5	local same radial same angular same transform	US-PGPUB; USPAT	OR	ON	2004/05/21 16:50
S11	371	382/???.ccls. and (streak\$ or line near defect\$)	US-PGPUB; USPAT	OR	ON	2004/05/21 16:52
S12	2	382/???.ccls. and hexon	US-PGPUB; USPAT	OR	ON	2004/05/21 16:54

## EAST Search History

S13	201	382/???.ccls. and (streak\$ or line near defect\$) same (adjust\$ enhanc\$ remov\$ correct\$ detect\$)	US-PGPUB; USPAT	OR	ON	2004/05/21 17:01
S14	147	382/???.ccls. and (streak\$ or line near defect\$) same (adjust\$ enhanc\$ remov\$ correct\$ detect\$)	USPAT	OR	ON	2004/05/27 15:36
S15	0	382/???.ccls. and hexon	USPAT	OR	ON	2004/05/24 11:42
S16	0	hexon same pixel	USPAT	OR	ON	2004/05/24 11:42
S17	271	hexon	USPAT	OR	ON	2004/05/24 11:43
S18	172	offset\$ with pixel\$ with group\$	USPAT	OR	ON	2004/05/24 11:56
S19	1	offset\$ with pixel\$ with group\$ same hexagon\$	USPAT	OR	ON	2004/05/24 11:58
S20	10	offset\$ with pixel\$ with group\$ and hexagon\$	USPAT	OR	ON	2004/05/24 13:28
S21	13382	(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel	USPAT	OR	ON	2004/05/24 13:34
S22	3791	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel	USPAT	OR	ON	2004/05/24 13:35
S23	273	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel with (group cluster formation)	USPAT	OR	ON	2004/05/24 13:48
S24	86	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel with (group cluster formation)and (hex\$6 or six)	USPAT	OR	ON	2004/05/24 16:19
S25	3791	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel	USPAT	OR	ON	2004/05/24 16:19
S26	540	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness)	USPAT	OR	ON	2004/05/25 16:31
S27	358	382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness)	USPAT	OR	ON	2004/05/24 16:22

## EAST Search History

S28	386	382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length))	USPAT	OR	ON	2004/05/24 16:27
S29	4	382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness)same line near (length or width)	USPAT	OR	ON	2004/05/24 16:25
S30	4	382/???.ccls. and(edge\$ scratch line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness)same line near (length or width)	USPAT	OR	ON	2004/05/24 16:25
S31	15	382/???.ccls. and(scratch\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length))	USPAT	OR	ON	2004/05/24 17:17
S32	13	("4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.	USPAT	OR	OFF	2004/05/24 17:04
S33	386	382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length))	USPAT	OR	ON	2004/05/24 17:17
S34	386	382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length)) not ((("4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.)	USPAT	OR	ON	2004/05/24 17:42

## EAST Search History

S35	392	382/???.ccls. and(edge\$ line\$4 near (defect artifact artefact noise)steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length)) not ((4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.)	USPAT	OR	ON	2004/05/24 17:40
S36	6	(382/???.ccls. and(edge\$ line\$4 near (defect artifact artefact noise)steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length)) not ((4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.)) not (382/???.ccls. and(edge\$ line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length)) not ((4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.))	USPAT	OR	ON	2004/05/24 17:40
S37	0	382/???.ccls. and(line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness line near (width or length)) not ((4691231"   "4941186"   "4977521"   "5097521"   "5179419"   "5204910"   "5408104"   "5450500"   "5471263"   "5589887"   "5673336"   "5809162"   "5987187").PN.)	USPAT	OR	ON	2004/05/24 17:42

## EAST Search History

S38	12	382/???.ccls. and(line\$4 near defect steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel and (contrast brightness sharpness line near (width or length))	USPAT	OR	ON	2004/05/24 18:20
S39	3	("5504438"   "5586058"   "5717780").PN.	USPAT	OR	OFF	2004/05/24 18:00
S40	1	"6529618".pn.	USPAT	OR	ON	2004/05/24 18:26
S41	5	382/???.ccls. and ((streak\$ line\$4 near (defect artefact)) with (remov\$ correct\$ enhanc\$ restor\$ detect\$)).ab.	USPAT	OR	ON	2004/05/24 18:33
S42	2	382/???.ccls. and ((streak\$ line\$4 near (defect artefact)) same (remov\$ correct\$ enhanc\$ restor\$ detect\$)same pixel).ab.	USPAT	OR	ON	2004/05/24 18:34
S43	2	382/???.ccls. and ((streak\$ line\$4 near (defect artefact)) same (remov\$ correct\$ enhanc\$ restor\$ detect\$)same pixel\$).ab.	USPAT	OR	ON	2004/05/24 18:35
S44	11	382/???.ccls. and ((streak\$ line\$4 near (defect artefact)) and (remov\$ correct\$ enhanc\$ restor\$ detect\$)).ab.	USPAT	OR	ON	2004/05/24 18:36
S45	1	"6683995".pn.	USPAT	OR	ON	2004/05/24 20:09

## EAST Search History

S46	74	("4260899"   "4301469"   "4302108"   "4462860"   "4670779"   "4677465"   "4680638"   "4700229"   "4775238"   "4796061"   "4845551"   "4933566"   "4937720"   "4969045"   "4972091"   "4989973"   "4994918"   "5003379"   "5010401"   "5047968"   "5058982"   "5091972"   "5097521"   "5149960"   "5155596"   "5200817"   "5266805"   "5267030"   "5291286"   "5311310"   "5335086"   "5371542"   "5447811"   "5448380"   "5452018"   "5465155"   "5465163"   "5477345"   "5509086"   "5516608"   "5552904"   "5561611"   "5565931"   "5568270"   "5581376"   "5582961"   "5583950"   "5589887"   "5608547"   "5641596"   "5666443"   "5673336"   "5721624"   "5726773"   "5729631"   "5771107"   "5808674"   "5892595"   "5923042"   "5930388"   "5963662"   "5969372"   "5979011"   "5982941"   "5982951"   "5991444"   "6005987"   "6057040"   "6075905"   "6078051"   "6078701"   "6101273"   "6128416"   "6239886").PN.	USPAT	OR	OFF	2004/05/24 20:09
S47	168	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness) and light\$ same dark\$	USPAT	OR	ON	2004/05/25 16:32
S48	68	382/???.ccls. and(edge\$ line\$4 steak\$) with (detect\$ remov\$ enhanc\$ adjust\$ correct\$) same pixel same (contrast brightness sharpness) and light\$ same dark\$ with (edge\$ line\$4 steak\$)	USPAT	OR	ON	2004/05/25 16:46
S49	28934	382/???.ccls. (line streak edge) with (light dark) same (user operator)	USPAT	OR	ON	2004/05/25 16:47

## EAST Search History

S50	204	382/???.ccls. and (line streak edge) with (light dark) same (user operator)	USPAT	OR	ON	2004/05/25 16:47
S51	91	382/???.ccls. and (line streak edge) with (light dark) same (user operator) same (remov\$ enhanc\$ correct\$ adjust\$ detect\$)	USPAT	OR	ON	2004/05/25 16:49
S52	21	382/???.ccls. and (line streak edge) with (light dark) same (user operator) same (remov\$ enhanc\$ correct\$ adjust\$ detect\$) same (area segment partial quadrant)	USPAT	OR	ON	2004/05/25 16:50
S53	10	702/182,183,66-69.ccls. and video with quality	USPAT	OR	OFF	2004/05/26 13:57
S54	203	702/182,183,66-69.ccls. and video	USPAT	OR	OFF	2004/05/26 14:00
S55	25	702/182,183,66-69.ccls. and video same (objective subjective quality)	USPAT	OR	OFF	2004/05/26 14:10
S56	117	702/69.ccls.	USPAT	OR	OFF	2004/05/26 14:11
S57	23	702/69.ccls. and video	USPAT	OR	OFF	2004/05/26 14:11
S58	150	382/275.ccls. and (line or streak)same (light\$ dark\$ contrast bright\$)	USPAT	OR	OFF	2004/05/27 11:39
S59	39	382/275.ccls. and (line or streak)same (light\$ dark\$ contrast bright\$)same (choice select\$ specif\$ designat\$ decide decision user near input user near command)	USPAT	OR	OFF	2004/05/27 11:41
S60	1	"5881182".pn.	USPAT	OR	ON	2004/05/27 15:37
S61	1	"6408109".pn.	USPAT	OR	ON	2004/05/27 15:37